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**From:** D'Amico, Louis [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=78A91F83C4414910BE286EFE02004DBC-D'AMICO, LOUIS J.]  
**Sent:** 10/7/2016 2:37:20 PM  
**To:** Lingard-Smith, Summer A [LingardSmithS@gao.gov]  
**CC:** Ross, Mary [Ross.Mary@epa.gov]; Jones, Samantha [Jones.Samantha@epa.gov]; Cursio, Heather [Cursio.Heather@epa.gov]; Hingeley, Maureen [Hingeley.Maureen@epa.gov]  
**Subject:** Additional documentation on IRIS and the High Risk List (email 1)  
**Attachments:** TMBs SAB Letter to EPA.PDF; TMBs EPA Response to SAB.PDF; Ammonia SAB Letter to EPA.PDF; Ammonia EPA Response to SAB.PDF; EtO SAB Letter to EPA.PDF; EtO EPA Response to SAB.PDF; BaP SAB Letter to EPA.PDF; BaP EPA Response to SAB.PDF

Dear Summer,

Following up on our September 12<sup>th</sup> discussions, we are providing additional files that we believe further clarifies and documents our efforts to address GAO high risk criteria. In general, all the files contained in these emails should be considered internal/deliberative, although in this case all the attached files are publicly available.

Attached are the letters from the Science Advisory Board (SAB) to the EPA Administrator briefly summarizing the peer reviews of the IRIS assessments for TMBs, ammonia, ethylene oxide, and benzo[a]pyrene. For each letter from the SAB, the EPA Administrator provided a response. Additionally, these letters and related files can be found on the chemical-specific pages on the IRIS website.

TMBs: [https://cfpub.epa.gov/ncea/iris\\_drafts/recordisplay.cfm?deid=254525](https://cfpub.epa.gov/ncea/iris_drafts/recordisplay.cfm?deid=254525)

Ammonia: [https://cfpub.epa.gov/ncea/iris\\_drafts/recordisplay.cfm?deid=254524](https://cfpub.epa.gov/ncea/iris_drafts/recordisplay.cfm?deid=254524)

Ethylene oxide: [https://cfpub.epa.gov/ncea/iris\\_drafts/recordisplay.cfm?deid=282012](https://cfpub.epa.gov/ncea/iris_drafts/recordisplay.cfm?deid=282012)

Benzo[a]pyrene: [https://cfpub.epa.gov/ncea/iris\\_drafts/recordisplay.cfm?deid=280022](https://cfpub.epa.gov/ncea/iris_drafts/recordisplay.cfm?deid=280022)

The SAB letters and EPA's response address not only the criterion of "monitoring, but also the High Risk criterion of "demonstrated progress". As noted in the memo, four assessments have undergone rigorous peer review by the standing SAB committee, the Chemical Assessment Advisory Committee (CAAC), for IRIS. Each of the reviews has been favorable. This is largely due to the implementation of the NAS recommendations to increase scientific quality, improve transparency, and incorporate enhancements to the IRIS process.

If you have any questions, please don't hesitate to contact me.

Sincerely,  
Lou D'Amico

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